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SPECIAL RICE MARKET REVIEW



CALIFORNIA RICE SUPPLIES LARGEST ON RECORD  
SMALLER CARRY-OVER STOCKS MORE THAN OFFSET BY LARGER CROP

Supplies of California rough rice for the 1937-38 season are the largest on record with the increase in the crop more than offsetting the reduction in carry-over and stocks, states the Federal-State Market News Service.

Rice production in 1937 will exceed that of any other year if the November 1 estimate of the Bureau of Agricultural Economics is realized. With the carry-over of old rice on October 1, the November production estimate will give a total supply about 460,000 bags in excess of the quantity disposed of last season.

Distribution of California rice during the 1936-37 season was marked by the use of an unusually large quantity of rice for feed and for production of brewers rice. Utilization of milled rice fell below that of the previous year despite heavy exports toward the close of the season. Domestic use of head rice and screenings was slightly above that of 1935-36 but shipments to insular possessions fell off sharply as a result of labor difficulties which restricted water shipments early in the season.

Prices of California-Japan rice averaged somewhat lower than in the previous season but sales to feeders and special toll milling arrangements made it difficult to determine prices received by growers. Milled rice prices were also rather indefinite since quotations to the domestic trade and to insular possessions were on a basis provided in local marketing agreements while export prices were based on special marketing programs which provided for export sales at prices materially below those quoted the domestic trade.

GOOD YIELDS ON LARGE ACREAGE PRODUCE RECORD CROP

Well above average yields on the largest acreage since 1927 resulted in a record rice crop in California in 1937. Preliminary estimates placed the 1937 acreage at 154,000 acres compared with 140,000 acres last season and a 10-year (1926-36) average of 118,700 acres. Field yields averaged 68 bushels, or 30.60 bags per acre giving a total of 4,712,400 bags, the largest production on record and about 416,000 bags over last year's output which was the record up to that date. (See table 1.)

Carry-over stocks of old rice, while relatively large, were only about half those of a year ago; they totaled 220,936 bags. Mills held

20,885 bags and country warehouses 200,051 bags. Adding carry-over stocks to the estimated crop gives a total prospective supply of 4,933,336 bags of rough rice compared with 4,780,779 bags a year ago. If 275,000 bags are allowed for seed, feed and waste, about 4,658,000 bags would remain for milling or for export this season. Only 3,476,000 bags of rough rice were milled and exported during the 1936-37 season.

#### INCREASED USE OF RICE FOR FEED AND BREWING

Distribution of the 1936 California rice crop was featured by the use of an unusually large quantity for feed and for the manufacture of brewers rice. Domestic utilization of milled rice was only slightly above that of a year earlier while shipments to insular possessions were the smallest in several years as a result of dock labor difficulties which restricted movement by water early in the season. Exports increased sharply toward the close of this year under the inducement of special marketing programs and preferential Cuban duties on American rice.

Utilization of rough rice in California during the 1936-37 season was unusual in several respects. An outstanding feature was the use of around 745,000 bags for feed compared with a normal consumption of 30,000 to 50,000 bags. The heavy feeding of rice resulted from its relative cheapness and the scarcity and high prices of other feed grains. Barley prices were relatively high in California with a short crop in the Central West which drew large quantities of California malting barley to that area. Corn prices were also unusually high with but little domestic corn available and with imports of Argentine corn cut off for a time by the maritime strike. As a result of these conditions feeders turned more to rice of the lower milling types which sold at \$1.25-1.30 per 100 f.o.b. shipping points in December to as high as \$1.50 per 100 in February. Feed barley sold at \$1.70-1.75 per 100 at the middle of December and advanced to \$1.90-1.95 in February. Argentine corn brought around \$2. per 100 pounds f.o.b. cars at San Francisco in December and was only slightly cheaper in February.

Another unusual feature of the rough rice movement was the shipment of about 120,000 bags to southern mills, mostly during the period that operations of Pacific Coast mills were restricted by labor difficulties. Only about 6,000 bags moved to southern mills during the previous season and none were shipped in 1934-35 or 1933-34. Relatively low prices of California rice with a freight rate of 70 cents per 100 from central California points to southern mills favored the eastward movement of California-Japan in competition with southern rice. Trade reports indicate that the California rice milled by southern mills went mostly to Puerto Rico.

Exports of rough rice from San Francisco, together with shipments to Hawaii, fell far short of recent years and totaled slightly less than 16,000 bags compared with about 32,000 bags last season and 38,000 bags 2 year ago. Seed requirements were slightly larger as a result of an increased acreage and were placed at 223,300 bags compared with 203,000 bags used for seeding the 1936 crop.

Despite the increased use of rough rice for feed and seed and the large shipments to southern mills, receipts of rough rice by California mills were unusually large and totaled 3,461,516 bags during the 1936-37



season compared with 2,550,206 bags in 1935-36 and 3,313,598 bags in 1934-35. Movement to mills, however, was more irregular than during the two previous seasons. Mill receipts are usually heaviest in October, November, and December, receipts dropping to about half of the November movement in normal years. During the late winter, spring, and summer months receipts are generally moderate and in 1934-35 and 1935-36 ranged from 110,000 to 175,000 bags monthly. August and September receipts have usually shown some increase as remaining supplies are marketed prior to the arrival of the new crop. During the 1936-37 season mill receipts of rough rice were seasonally large in October and November but dropped to a little more than 90,000 bags in December. Mills took unusually large quantities in January, February and March, which brought receipts for the first 6 months of the season well above those for the corresponding months of 1934-35 and 1935-36. Receipts dropped to unusually low levels in April and May but this reduction was more than offset by increased receipts during the remaining four months of the season.

#### OUTPUT OF HEAD RICE ONLY MODERATELY ABOVE THAT OF PREVIOUS YEARS

Production of head rice by California mills during the 1936-37 season was only moderately larger than in 1935-36 although about 910,000 more bags of rough rice were milled. Production of screenings was about 50 percent larger than during the previous season while the output of brewers rice was about three times larger. Production of head rice alone amounted to 1,483,784 bags compared with 1,439,982 bags last season and 1,630,652 bags 2 years ago. The heaviest output of head rice was in March with a total of 235,789 bags followed by August with 201,610 bags and January with 183,767 bags. Production during November dropped to 13,408 bags as a result of labor difficulties. Output was also small in April and May when a slow demand prevailed for California rice.

Production of second heads and screenings increased to 128,379 bags compared with 86,440 during the 1935-36 season. Large quantities of California-Japan were milled directly into brewers rice in a conversion program inaugurated to assist in the disposition of the heavy seasonal supplies of rough rice. Production of brewers rice during the 1936-37 season totaled 745,442 bags, or about three times the 262,326 bags turned out in 1935-36. Output of brewers rice was half as large as the production of head rice.

#### DISTRIBUTION OF MILLED RICE BELOW PRODUCTION

Distribution of all types of California milled rice fell short of production and stocks of head rice, and screenings at the close of October were about three times those of a year earlier while stocks of brewers rice at mills were many times as large as at the close of the 1935-36 season. Shipments of head rice alone during 1936-37 amounted to 1,465,474 bags compared with 1,518,697 bags during the previous season and 1,756,067 bags 2 years back. Stocks of head rice at mills at the close of 1937 totaled 31,082 bags compared with 12,772 bags a year ago. Shipments of screenings were relatively small compared with the output and amounted to only 51,883 bags, leaving 107,687 bags on hand at the close of the season against 31,191 bags a year earlier. Unusually large quantities of brewers rice were shipped from mills with a total of 601,774 bags against 257,205 bags the previous

season. Despite the liberal movement, nearly 155,000 bags remained at mills at the close of October compared with a little over 11,000 bags a year earlier.

Supplies of head rice and screenings for the 1936-37 season totaled 1,656,126 bags and comprised 1,496,500 bags of head rice and 159,570 bags of screenings. The distribution of these supplies differed materially from that of other recent years. Shipments to insular possessions which usually account for about two-thirds of the total distribution dropped to 923,133 bags compared with 1,249,565 bags in 1935-36 and 1,354,413 bags in 1934-35. The reduction in shipments to Puerto Rico and Hawaii was due largely to labor difficulties which restricted water shipments from San Francisco during November, December and January. Practically no California rice moved to Hawaii during these months and the Hawaiian trade was forced to turn to southern rice. Over 70,000 bags of southern rice were shipped to Hawaii this season, according to trade estimates. Shipments of California-Japan head rice and screenings to Hawaii totaled only about 557,330 bags compared with 805,754 bags last season. Shipments to Puerto Rico were not reduced so greatly as those to Hawaii since over 96,000 bags of California rice moved to Puerto Rico through southern ports. Total movement of California-Japan to Puerto Rico amounted to 365,800 bags compared with 393,810 bags last season.

Exports of California rice in 1936-37 were the largest in a number of years but were shipped mostly during the last 2 months of the season when prices on rice for export were materially reduced to move surplus stocks. Of the total exports of 262,336 bags over 238,000 were shipped in August and September. Over half of the season's exports went to Cuba; nearly a third to South American countries, principally Argentina; and the remainder mostly to Europe.

Imports of milled rice at San Francisco were slightly under those of the previous season and totaled 66,143 bags compared with 67,235 bags in 1935-36. As usual, most of the imports were from Hongkong, with moderate quantities from Italy and China. About 8,500 bags of Philippine rice came in, mostly during March, April, and May and exceeded last year's imports by nearly 2,000 bags. Imports of broken rice, meal, and polish were less than half of those of last season and amounted to only 32,660 bags against 66,320 bags during 1935-36. Imports of rough rice were also smaller than last season with a total of 4,704 bags, practically all of which came from Japan.

#### CALIFORNIA RICE PRICES AVERAGE LOWER THAN IN PREVIOUS SEASON

Prices of California-Japan rice in 1936-37 averaged somewhat lower than in the previous season but returns to growers were difficult to determine because of the large quantity sold for feed and the special toll milling arrangement for the rice exported. Milled rice prices were also rather indefinite since quotations to the domestic trade and insular possessions were on one basis and export prices on another.

At the beginning of the season mills paid \$1.58 1/2 per 100 f.o.b. shipping point for No. 1 Paddy yielding 50 pounds of head rice in accordance with a local marketing agreement. Lower grades were purchased on the basis



of one-half cent per 100 discount for each pound reduction in milling out-turn. The bulk of the early marketings yielded from 35 to 45 pounds of head rice per 100 pounds of rough. Some rice of low milling yield sold for feed at \$1.25 per 100 net to growers. The marketing agreement was revised downward about the first of December and the minimum price for No. 1 Paddy was reduced to \$1.31 1/2 per 100. This price remained in effect until the first of February when the minimum of \$1.58 1/2 per 100 was reinstated as a result of keen competition from feeders and dealers who paid up to \$1.60 per 100 for low milling types. Mill quotations held unchanged during the remainder of the season but under the export program upwards of 500,000 bags of rough rice were toll milled with net returns to growers of \$1.20-1.35 per 100. When the 1937 crop became available prices of rough rice were reduced to \$1.35 per 100 for No. 1 Paddy f.o.b. shipping points.

Milled rice prices during the 1936-37 season ranged from 25 cents to \$1 per 100 pounds lower than in the previous season with the average approximately 50 cents per 100 below that of the previous crop year. In accordance with local marketing agreements the price for new California-Japan milled rice opened at \$4.20 for extra fancy, basis double sacked delivered docks San Francisco. Some extra fancy Japan was sold for export, however, early in October at around \$3.05 per 100 delivered San Francisco with mills reimbursed from a special marketing fund obtained through the diversion of 25 cents per 100 pounds from sales of rough rice. A sharp downward adjustment was made in California milled rice prices toward the close of November and extra fancy Japan was selling December 1 at \$3.50 per 100. This price was maintained during December and January but at the first of February the Marketing Board advanced prices of extra fancy Japan 70 cents to \$4.20 delivered San Francisco docks. These quotations were maintained throughout the remainder of the season on rice sold to local distributors and to the Hawaiian and Puerto Rican trade. Rice for export, however, was offered at material discounts under domestic prices and toward the close of the season unusually large quantities were sold. Export sales were reported as low as \$2.10 per 100 delivered docks at San Francisco but \$2.25-2.50 per 100 were probably more representative prices.

At the beginning of the new crop season October 1 milled rice prices were reduced to \$3.20 per 100 for extra fancy Japan with a discount of 10 percent allowed on lots of 1,000 bags or more for 30 days shipment. Calady rice which competes more directly with southern rice in California markets was quoted at \$3.30 per 100 f.o.b. mills.

Table 1. - Rice: Acreage, yield and production, California, 1912-37

	Acreage	Average yield per acre		Production	
	Acres	Bushels	100 lb. sacks	Bushels	100 lb. sacks
1912	1,000	57.0	25.65	57,000	25,650
1913	6,000	60.0	27.0	360,000	162,000
1914	15,000	60.0	27.0	900,000	405,000
1915	30,000	62.0	27.9	1,860,000	837,000
1916	59,000	60.0	27.0	3,540,000	1,593,000
1917	88,000	60.0	27.0	5,280,000	2,376,000
1918	120,000	57.5	25.875	6,900,000	3,105,000
1919	155,000	60.0	27.0	9,300,000	4,185,000
1920	162,000	51.0	22.95	8,262,000	3,717,900
1921	135,000	54.0	24.3	7,290,000	3,280,500
1922	140,000	55.0	24.75	7,700,000	3,465,000
1923	106,000	53.5	24.075	5,671,000	2,551,950
1924	90,000	48.5	21.825	4,365,000	1,964,250
1925	103,000	46.6	20.97	4,800,000	2,160,000
1926	149,000	53.6	24.12	7,986,000	3,593,700
1927	160,000	56.0	25.2	8,960,000	4,032,000
1928	132,000	61.9	27.855	8,171,000	3,676,950
1929	95,000	60.2	27.09	5,719,000	2,573,550
1930	110,000	66.1	29.745	7,271,000	3,271,950
1931	125,000	66.0	29.7	8,250,000	3,712,500
1932	110,000	70.9	31.905	7,799,000	3,509,550
1933	108,000	64.0	28.80	6,912,000	3,110,400
1934	108,000	76.4	35.280	8,251,200	3,870,240
1935	99,000	68.0	30.6	6,732,000	3,029,400
1936	140,000	68.2	30.69	9,548,000	4,296,600
1937 <u>1/</u>	154,000	68.0	30.60	10,472,000	4,712,400

1/ Preliminary.

Table 2. - Rice, rough: Supply and distribution, California, 1933-34-1937-38

	1933-34	1934-35	1935-36	1936-37	1937-38
Supplies	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.
Carry-over October 1					
At mills	36,864	30,082	5,268	69,146	20,885
In country warehouses <u>1/</u>	163,136	Negligible	4,450	415,033	200,051
Production	3,110,400	3,870,240	3,029,400	4,296,600	4,712,400
Total supply	3,310,400	3,900,322	3,039,118	4,780,779	4,933,336
Distribution					
Seed for next crop	168,000	138,600	203,000	223,300	
Exports and shipments to					
Insular possessions (rough)	4,111	38,049	32,205	15,756	
Shipments to Southern mills	None	None	6,000	120,000	
Feed and waste <u>1/</u>	30,000	50,000	30,000	745,000	
Milled	3,188,865	3,313,598	2,550,206	3,461,516	
Stocks September 30					
At mills	30,082	5,268	69,146	20,885	
In country warehouses	Negligible	4,450	415,033	200,051	
Balance unaccounted for	- 110,576	350,357	- 266,372	- 5,729	
Total	3,310,400	3,900,322	3,039,118	4,780,779	

1/ Trade estimates



Table 3. - Rice: Seasonal supplies, including carry-over and crop, California  
October 1, 1933-37

	Rough			Milled Rice Stored at Mills <u>a/</u>	Total Rough and Milled <u>b/</u>	Crop	Total Supply in Terms of Rough
	On Farms and in Country Warehouses	At Mills	Total				
	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.
1933	163,136	36,864	200,000	73,374	311,173	3,110,400	3,421,573
1934	negligible	30,082	30,082	228,169	375,793	3,870,240	4,246,033
1935	4,450	5,268	9,718	94,851	153,432	3,029,400	3,182,832
1936	415,033	69,146	484,179	43,963	550,381	4,296,600	4,846,981
1937	200,051	20,885	220,936	138,769	431,192 <u>c/</u>	4,712,400	5,143,592

a/ Includes both head rice and screenings.

b/ Milled rice converted to rough on basis that 66 bags milled equals 100 bags rough

c/ Preliminary November 1 estimate.

Table 4. - Rice: Milled, including screenings; supply and distribution, California,  
1933-37

Crop Year	Stocks October 1	Production	Total supply	Distribution			
				Exports	Shipments to Hawaii & Puerto Rico	Disappear- ance with- in U. S.	Stocks September 30
	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.	Bags 100 lbs.
1933-34	73,374	1,851,070	1,924,444	10,963	1,231,303	454,109	228,069
1934-35	228,169	1,728,059	1,956,228	33,950	1,354,413	473,014	94,851
1935-36	94,851	1,526,422	1,621,273	7,473	1,249,565	320,272	43,963
1936-37	43,963	1,612,163	1,656,126	262,356	923,133	331,888	138,769

Table 5. - Rice, rough: Stocks and movement, California mills, 1936-37

Month	Stocks Beginning of Period	Receipts	Total Supply	Quantity Milled	Used or Sold for Seed	Total Utilization	Stocks at Close of Period
	Bags	Bags	Bags	Bags	Bags	Bags	Bags
October	107,656	513,655	621,311	343,227	334	343,561	277,750
November	277,750	379,028	656,778	58,260	582	58,842	597,936
December	597,936	90,451	688,387	282,028	1,240	283,268	405,119
January	405,119	416,756	821,875	392,401	634	393,035	428,840
February	428,840	317,467	746,307	361,930	2,463	364,393	381,914
March	381,914	431,945	813,859	497,560	624	498,184	315,675
April	315,675	99,216	414,891	70,971	3,902	74,873	340,018
May	340,018	70,242	410,260	106,487	12,494	118,981	291,279
June	291,279	213,590	504,869	197,919	486	198,405	306,464
July	306,464	237,364	543,828	295,342	1,379	296,721	247,107
August	247,107	367,221	614,328	464,708	909	465,617	148,711
September	148,711	263,332	412,043	390,683	475	391,158	20,885
Season's total	107,656	3,400,267	3,507,923	3,461,516	25,522	3,487,038	20,885

Table. 6. - Rice, Miller, stocks and movement, California mills, 1936-37

Head Rice					
Month	Stocks Beginning of Period	Produced	Total Supply	Shipments	Stocks Close of Period
	Bags	Bags	Bags	Bags	Bags
October	12,772	111,961	124,733	72,019	52,714
November	52,714	13,408	66,122	27,872	38,250
December	38,250	134,255	172,505	46,084	126,421
January	126,421	183,767	310,188	94,170	216,018
February	216,018	161,762	377,780	260,563	117,217
March	117,217	235,789	353,006	244,340	108,666
April	108,666	32,513	141,179	62,672	78,507
May	78,507	48,581	127,088	49,976	77,112
June	77,112	75,434	152,546	72,636	79,910
July	79,910	118,589	198,499	115,787	82,712
August	82,712	201,610	284,322	232,089	52,233
September	52,233	166,115	218,348	187,266	31,082
Season's total	12,772	1,483,784	1,496,556	1,465,474	31,082

  

Second Heads and Screenings					
October	31,191	22,106	53,297	5,723	47,574
November	47,574	---	47,574	7,113	40,461
December	40,461	24,474	64,935	1,066	63,869
January	63,869	10,467	74,336	4,212	70,124
February	70,124	15,363	85,487	5,066	80,421
March	80,421	24,812	105,233	6,062	99,171
April	99,171	1,030	100,201	4,799	95,402
May	95,402	2,552	97,954	2,761	95,193
June	95,193	2,535	97,728	1,566	96,162
July	96,162	10,960	107,122	2,470	104,652
August	104,652	14,080	118,732	3,173	115,559
September	115,559	---	115,559	7,872	107,687
Season's total	31,191	128,379	159,570	51,883	107,687

  

Brewers Rice					
October	11,081	90,303	101,384	43,854	57,530
November	57,530	36,051	93,581	28,546	65,035
December	65,035	33,544	98,579	36,043	62,536
January	62,536	68,708	131,244	32,887	98,357
February	98,357	67,193	165,550	36,507	129,043
March	129,043	84,141	213,184	87,204	125,980
April	125,980	16,524	142,504	37,480	105,024
May	105,024	21,639	126,663	40,551	86,112
June	86,112	53,949	140,061	61,797	78,264
July	78,264	72,424	150,688	66,766	83,922
August	83,922	99,847	183,769	65,664	118,105
September	118,105	101,119	219,224	64,475	154,749
Season's total	11,081	745,442	756,523	601,774	154,749



Table 7. - Rice: <sup>1/</sup> Exports San Francisco 1919-20 to 1936-37

Season	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1919-20	1,160	2,155	18,289	23,009	10,936	13,059	3,757	4,163	2,078	7,395	6,206	358	92,564
1920-21	4,513	377	3,973	10,196	235	1,094	999	1,266	5,560	10,732	7,648	10,346	56,939
1921-22	17,836	15,667	18,989	5,263	8,158	16,713	9,004	7,240	17,585	23,908	15,390	4,778	160,599
1922-23	489	970	873	1,234	514	905	1,206	4,763	9,638	23,038	3,905	15,380	65,915
1923-24	2,145	668	5,375	5,722	1,927	4,383	1,379	1,417	1,039	534	333	343	25,465
1924-25	580	1,751	1,180	80	200	100	37	36	13	1	195	53	4,227
1925-26	2	183	318	16	72	170	174	320	228	321	264	447	2,516
1926-27	909	2,103	1,657	204	12,669	14,173	23,390	10,346	4,620	354	239	365	71,029
1927-28	603	721	280	279	982	4,185	1,136	1,299	1,322	3,198	405	2,768	14,178
1928-29	1,037	1,771	5,187	8,414	7,988	13,170	14,912	12,120	5,099	5,264	3,318	1,521	79,800
1929-30	276	434	419	442	789	1,374	878	1,194	1,491	552	650	872	9,420
1930-31	625	1,198	20	418	493	2,038	269	1,576	796	377	524	221	8,556
1931-32	391	315	295	38	1,022	565	594	1,425	1,133	252	864	1,011	7,905
1932-33	58	76	1,475	250	101	100	7	12	98	11	25	74	2,289
1933-34	67	95	14	1	2	302	140	95	44	25	200	113	1,093
1934-35	31	60	148	466	531	18	56	371	867	106	156	166	2,995
1935-36	52	44	12	1	6	90	108	155	8	52	137	77	742
1936-37	89	---	---	10	1,128	17	7	8	396	763	7,813	15,998	26,234

<sup>1/</sup> Include rice grain, milled and paddy, through December, 1932, but excludes paddy beginning January 1, 1933.

Source: Bureau of Foreign and Domestic Commerce.

Table 8. - Rice, Milled including Brown: Shipments, San Francisco to Puerto Rico, 1928-37

Season	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1928-29													
1929-30		221	190	615	1,434	4,966	3,009	1,740	1,332	5,931	2,032	2,717	23,776
1930-31	3,658	2,333	3,232	358	4,400	5,277	4,742	3,379	4,856	4,948	3,924	2,627	34,922
1931-32	590	2,908	5,243	2,475	5,697	3,144	6,156	4,741	4,411	4,038	3,896	3,972	47,753
1932-33	5,992	3,195	3,605	4,392	3,250	3,369	3,341	4,564	5,400	4,954	4,975	5,982	48,968
1933-34	7,474	4,388	1,584	2,406	3,157	3,056	4,817	5,765	6,985	3,344	5,383	4,324	52,029
1934-35	3,989	3,296	2,310	3,362	6,567	5,320	2,757	468	588	1,594	2,681	1,941	38,724
1935-36	1,713	3,811	3,407	1,979	6,434	6,997	9,633	4,139	7,825	3,644	381	1,080	51,707
1936-37 <sup>a/</sup>	1,040	345	1,878	2,949	2,095	4,544	3,652	9,372	3,099	2,233	2,374	132	39,381
				7,403	8,508	11,354	1,869	576	324	1,381	1,784	118	36,580

<sup>a/</sup> Includes 9,625,300 pounds shipped via rail and Gulf ports.

Source: Bureau of Foreign and Domestic Commerce January, 1928-May, 1933, and reports of California Harbor Commission June, 1933 to date.

Table 9. - Rice, milled <sup>1/</sup> including brown: California<sup>2/</sup> shipments to Hawaii, 1924-1937

Season	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	July	Aug.	Sent.	Total
	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
1924-25	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
	not compiled												
1925-26	3,538	4,277	5,622	5,077	3,352	3,913	-	3,328	5,519	3,092	1,235	2,581	29,307 <sup>3/</sup>
1926-27	4,545	3,003	8,951	5,440	5,455	5,040	5,304	4,718	3,058	7,477	5,059	3,520	62,708
1927-28	5,744	6,794	6,445	5,093	5,189	5,967	5,694	5,385	4,455	7,894	4,887	2,726	55,801
1928-29	5,450	5,557	5,574	4,438	5,875	5,610	7,474	5,649	5,432	5,621	5,959	5,955	75,037
1929-30	5,414	5,727	7,005	5,841	5,247	7,847	7,539	7,245	5,006	8,119	5,632	5,918	81,095
1930-31	7,755	5,292	5,532	5,185	5,657	7,224	7,078	5,463	5,035	6,557	7,936	5,787	83,104
1931-32	5,140	5,953	5,547	5,553	7,711	7,474	7,448	7,224	8,556	7,135	5,865	7,917	88,891
1932-33	7,553	5,297	5,845	7,053	5,354	8,536	7,874	9,407	5,813	9,265	7,518	5,925	90,626
1933-34	8,046	7,447	5,616	7,560	7,382	5,827	7,870	10,563	7,021	5,708	7,791	7,115	88,534
1934-35	7,647	5,703	5,115	7,983	5,494	5,626	5,880	5,897	9,752	5,295	5,317	7,452	83,795
1935-36	5,829	5,905	10,434	5,836	5,597	10,264	5,235	10,225	5,047	5,739	5,399	5,208	83,155
1936-37	5,721	402	2,465	2,730	8,194	5,493	5,324	8,148	5,579	7,704	5,575	8,163	85,286
					10,275	5,428	5,370	5,004	4,985	7,494	5,337	4,119	52,351

<sup>1/</sup> Rough rice included 1924 through December 1932

<sup>2/</sup> Data are total United States shipments but represent principally shipments of California rice, except for November, December, and January 1935-37 when no shipments were made from San Francisco on account of labor difficulties.

<sup>3/</sup> Eight months.

Source: Bureau of Foreign and Domestic Commerce.



Table 10. - Rice: Exports and shipments to insular possessions, through San Francisco 1936-37

[illegible]

Shipments to Hawaii and Puerto Rico through San Francisco

	Milled, including brown													
Hawaii 1/	6,721	402	2,486	2,730	10,275	6,428	5,370	5,004	4,985	7,494	6,337	4,119	62,351	
Puerto Rico 2/	1,040	345	1,878	7,403	8,508	11,354	1,869	576	324	1,381	1,784	118	36,580	
Total	7,761	747	4,364	10,133	18,783	17,782	7,239	5,580	5,309	8,875	8,121	4,237	98,931	
						Rough or paddy								
Hawaii 3/	1			11			24	473	65		153	162	889	
						Broken, screenings, flour and meal								
Hawaii 3/	18			188			43	18	19	5	52	21	410	

1/ Total United States shipments and includes an estimated quantity of 7,027,700 pounds of southern rice.

2/ As reported by California Harbor Commission

3/ Total United States, probably mostly from San Francisco.

Table 11. - Rice: Imports for consumption at San Francisco 1936-37

Month	Cleaned or milled	Broken, meal, flour, bran, and polish	Uncleaned or Paddy
	Pounds	Pounds	Pounds
October	665,911	794,861	66,000
November	25,490	98,810	-
December	390,568	300	355,630
January	155,848	3,560	3,300
February	541,936	1,479,273	22,000
March	1,455,825	360,575	663
April	712,377	143,932	203
May	1,051,596	220,909	22,563
June	609,526	150,174	-
July	244,249	2,185	-
August	417,368	3,984	-
September	343,597	7,428	-
Total	6,614,291	3,265,991	470,359

Source: Bureau of Foreign and Domestic Commerce.

Table 12. - Rice: Prices milled, fancy California-Japan, per 100 double sacked, San Francisco docks.

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Avg.
	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls	Dolls
1919-20	11.30	10.75	11.60	12.75	12.35	12.06	11.90	11.00	10.15	-	-	7.68	11.15
1920-21	7.14	5.96	5.50	4.00	4.38	4.70	4.38	4.25	4.21	4.01	4.00	4.44	4.75
1921-22	4.48	5.00	5.31	5.15	5.00	4.95	4.90	4.85	4.91	5.59	5.52	5.25	5.08
1922-23	5.12	4.90	4.58	4.44	4.48	4.14	4.04	4.36	4.60	4.47	5.06	5.77	4.66
1923-24	5.67	5.38	5.27	5.14	5.05	5.07	5.33	5.34	5.28	5.21	5.26	5.67	5.31
1924-25	5.75	6.65	7.05	7.25	7.15	7.05	7.11	7.51	8.09	8.51	8.42	7.96	7.38
1925-26	6.92	6.95	7.01	7.06	7.16	7.10	7.06	7.09	6.99	7.06	7.00	6.60	7.00
1926-27	5.27	4.94	5.13	5.05	5.12	5.29	5.42	5.51	6.04	6.67	6.58	5.82	5.57
1927-28	4.81	5.08	5.24	4.65	4.30	4.24	4.07	4.13	3.99	4.07	4.01	3.90	4.37
1928-29	3.91	3.92	3.62	3.95	3.78	3.68	3.72	3.68	3.74	4.06	4.50	4.38	3.91
1929-30	4.37	4.23	4.23	4.16	4.21	4.21	4.15	4.14	4.16	4.19	4.12	3.89	4.17
1930-31	3.64	3.60	3.55	3.59	3.64	3.72	3.71	3.78	3.82	3.87	3.74	3.69	3.70
1931-32	3.34	3.05	3.04	2.92	2.83	2.66	2.39	2.32	2.28	2.22	2.24	2.22	2.67
1932-33	2.09	1.98	2.10	2.23	2.26	2.25	2.33	3.00	3.20	3.40	3.36	3.31	2.67
1933-34	3.64	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.75
1934-35	3.78	3.78	3.78	3.78	3.78	3.78	3.91	4.10	4.10	4.10	4.10	4.13	3.92
1935-36	4.40	4.50	4.50	4.40	4.50	4.50	4.50	4.54	4.70	4.70	4.70	4.48	4.54
1936-37 <sup>a/</sup>	4.15	4.01	3.45	3.45	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.02

<sup>a/</sup> Quotations to insular possessions and domestic trade.